CANNED FISH & BYPRODUCTS — 1956

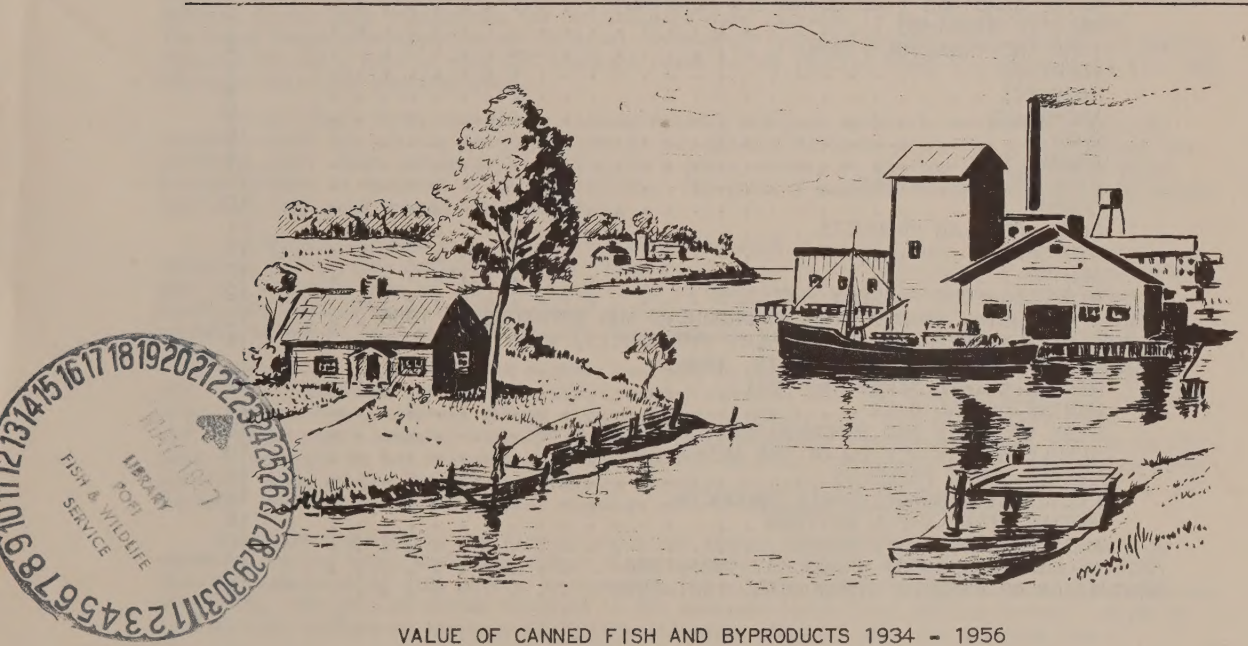
Department of the Interior
Washington 25, D.C.

United States,
Alaska, American Samoa,
Hawaii, and Puerto Rico

Fish and Wildlife Service
Branch of Commercial Fisheries

C. F. S. No. 1517

Annual Summary



MAY 1957
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VALUE OF CANNED FISH AND BYPRODUCTS 1934 - 1956
(IN THOUSAND OF DOLLARS)

YEAR	CANNED	BYPRODUCTS	TOTAL
1956.	347,566	91,735	439,301
1955.	303,564	83,335	386,899
1954.	331,018	81,401	412,419
1953.	306,874	74,372	381,246
1952.	305,829	67,992	373,821
1951.	301,210	69,313	370,523
1950.	331,335	77,189	408,524
1949.	295,504	78,472	373,976
1948.	336,181	79,866	416,047
1947.	310,679	80,592	391,271
1946.	227,629	76,643	304,272
1945.	152,800	58,211	211,011
1944.	152,914	63,299	216,213
1943.	141,189	59,136	200,325
1942.	144,997	50,897	195,894
1941.	138,684	56,801	195,485
1940.	94,182	30,554	124,736
1939.	96,627	34,039	130,666
1938.	83,446	30,576	114,022
1937.	105,175	36,804	141,979
1936.	94,564	34,969	129,533
1935.	74,999	29,520	104,519
1934.	80,021	22,598	102,619

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SOURCE OF DATA--SINCE 1921, THE BRANCH OF COMMERCIAL FISHERIES OF THE FISH AND WILDLIFE SERVICE HAS MADE ANNUAL SURVEYS FOR STATISTICS OF THE DOMESTIC PRODUCTION OF CANNED FISHERY PRODUCTS AND BYPRODUCTS. THE DATA COLLECTED INCLUDE STATISTICS ON THE PRODUCTION AND VALUE OF EACH CANNED COMMODITY BY CAN SIZES AND TRADE CLASSIFICATIONS. THE VALUE SHOWN FOR THE PRODUCTS CONSTITUTES THE GROSS AMOUNT RECEIVED BY THE PRODUCER AT THE PRODUCTION POINT, NO DEDUCTIONS BEING MADE FOR COMMISSION OR EXPENSES. STATISTICS ON THE CANNED FISHERY PRODUCTS AND BYPRODUCTS PRODUCED IN ALASKA ARE OBTAINED BY THE BRANCH OF ALASKA FISHERIES OF THE SERVICE. THE HAWAIIAN CANNED TUNA PRODUCTION WAS FURNISHED BY THE BOARD OF COMMISSIONERS OF AGRICULTURE AND FORESTRY OF THE TERRITORY OF HAWAII - DIVISION OF FISH AND GAME.

INTRODUCTION

The pack of canned fishery products in the United States, Alaska, American Samoa, Hawaii, and Puerto Rico in 1956 amounted to 976 million pounds valued at 348 million dollars to the packers--an increase of 15 percent in volume and 14 percent in value compared with the previous year. The pack consisted of 654 million pounds of fish and shellfish packed for human food and 321 million pounds canned for use as animal food or bait. Larger packs of tuna, Alaska salmon, Maine sardines, and Pacific Coast mackerel were primarily responsible for the increase in the production of fish canned for human use.

The pack of tuna totaled 11.8 million standard cases (230 million pounds) valued at 140 million dollars--a new record in volume. The value of the pack was 50 percent greater than that of the second place salmon. Sixty-eight percent of the 1956 pack of tuna and tunalike fishes was produced from domestically-caught fish compared with 59 percent in the previous year.

The 1956 pack of canned salmon amounted to 3.4 million standard cases (165 million pounds) valued at 93 million dollars to the canners. This was an increase of 4 percent in volume and 15 percent in value compared with the production the previous year. A large run of red salmon in western and central Alaska and a better-than-usual run of chum salmon in central and southeastern Alaska were responsible for 566 thousand case increase in the territorial pack. The Puget Sound area experienced its usual "even-year" absence of pink slamon which was largely responsible for a pack of only 482 thousand cases in the Pacific Coast States compared with 904 thousand cases the previous year.

Pacific Coast firms engaged in canning Pacific and jack mackerel produced 1.1 million standard cases (50 million pounds) valued at 6.4 million dollars--twice the volume packed the previous year. This larger pack was due, to a great extent, to the low sardine catch which turned canners to mackerel as an alternative. The pack of mackerel could have been much larger had there been more demand for these fish.

The Pacific sardine pack, amounting to 755 thousand standard cases (34 million pounds) valued at 5.7 million dollars, was only half as large as in the previous year. Sardines were far less abundant than in 1955 and were taken in quantity only in October. On the Atlantic Coast, the production of Maine sardines amounted to 2.2 million standard cases (45.3 million pounds) valued at 16.7 million dollars. The pack was 76 percent greater than in 1955.

The canning of natural pack oysters declined on both coasts. The total pack amounted to 464 thousand standard cases (6.5 million pounds) compared with 560 thousand cases the previous year. Oyster stew, however, showed a large increase with a pack of 235 thousand cases (48 10-ounce cans) compared with 172 thousand cases in 1955. There was a sharp decline in the pack of crabmeat on the Atlantic and Gulf Coasts. However, the production of canned Dungeness and king crabs on the Pacific Coast was up sharply, bringing the total pack of crabmeat to 122 thousand cases (2.4 million pounds) compared with 99 thousand cases the previous year.

Increases occurred in the pack of whole and minced clams and in the production of clam chowder. During 1956, whole and minced clams amounted to nearly 519 thousand cases--up 61 thousand cases--while clam chowder amounted to 1.3 million cases--up 90 thousand cases compared with 1955. The pack of shrimp amounted to 871 thousand cases (13.1 million pounds) valued at 15.8 million dollars--a decrease of 31 thousand cases compared with the previous year.

Among the fishery products canned in the United States, none has shown more rapid growth than fish canned for animal feeding. The production of this item continued to increase in 1956, with a total of 6.7 million cases having a net weight of 321 million pounds packed during the year--a 25 percent increase compared with the previous year.

Byproducts:--The domestic production of fish meal in 1956 amounted to 295 thousand tons, the largest yield in history, exceeding by 12 percent the former record of 264 thousand tons established in 1955. There were 27.1 million gallons of fish and fish-liver oils produced in 1956--an increase of 10 percent compared with the previous year, but far below the record production of 39.9 million gallons manufactured in 1936. The production of homogenized-condensed-fish (59.6 million pounds) and condensed-fish-solubles (198.1 million pounds) established new records.

Important byproducts produced during the year included marine-pearl-shell, oyster-shell, and fresh-water mussel-shell products valued at 14.5 million dollars. Other byproducts consisting of agar-agar, glue, seaweed products, pearl essence, etc., were valued at 11.6 million dollars.

SUMMARY OF PRODUCTION, BY COMMODITIES, 1956

PRODUCT	NUMBER OF PLANTS	STANDARD CASES	POUNDS PER CASE	POUNDS	VALUE
CANNED PRODUCTS:					
FOR HUMAN CONSUMPTION:					
SALMON:					
UNITED STATES	36	482,304	48	23,150,592	$16,523,868
ALASKA	78	2,950,354	48	141,616,992	76,948,880
TOTAL	114	3,432,658		164,767,584	93,472,748
SARDINES:					
MAINE	39	2,231,333	20.3	45,296,060	16,749,794
PACIFIC	20	754,734	45	33,963,030	5,734,498
ANCHOVIES	13	612,302	31.25	19,134,438	3,360,586
TUNA AND TUNALIKE FISHES:					
TUNA:					
SOLID	38	3,463,117	21	72,725,457	47,909,482
CHUNKS	32	7,053,962	18 & 19.5	133,138,176	82,542,643
FLAKES AND GRATED	35	1,310,077	18	23,581,386	9,834,968
TOTAL TUNA	1/39	11,827,156		229,445,019	140,287,093
TUNALIKE FISHES (BONITO AND YELLOW-TAIL) SOLID, CHUNKS, AND FLAKES	7	6,859	18-19.5-21	124,602	51,249
TOTAL TUNA AND TUNALIKE FISHES	1/39	11,834,015		229,569,621	140,338,342
ALEWIVES	12	40,805	45	1,836,225	164,940
MACKEREL	20	1,116,343	45	50,235,435	6,434,860
SHAD	7	7,168	45	322,560	52,712
FISH CAKES (PRINCIPALLY GROUNDFISH)	6	93,993	48	4,511,664	1,194,952
FISH FLAKES (GROUNDFISH) PASTE AND SPREAD	12	22,313	48	1,071,024	494,108
FISH SMOKED AND KIPPERED (COD, SALMON, SHAD, STURGEON, AND TROUT)	8	759	48	36,432	41,740
TUNA SPECIALTIES (WITH NOODLES, BEANS, SHERRY, AND CREAMED SAUCES	7	29,074	48	1,395,552	371,139
MISCELLANEOUS FISH SPECIALTIES	14	90,580	48	4,347,840	1,367,392
FISH ROE AND CAVIAR	28	47,406	48	2,275,488	1,238,236
CRABMEAT, NATURAL	30	121,539	19.5	2,370,010	2,738,587
CRAB SPECIALTIES	10	6,855	48	329,040	133,672
LOBSTER SPECIALTIES	6	4,523	48	217,104	225,537
SHRIMP, NATURAL	36	870,971	15	2/13,064,565	15,800,229
SHRIMP SPECIALTIES	11	14,984	48	719,232	486,130
CLAMS AND PRODUCTS:					
WHOLE CLAMS	12	38,803	15	3/582,045	500,345
MINCED CLAMS	20	480,027	15	3/7,200,405	4,731,651
CHOWDER	14	1,290,944	30	3/38,728,320	8,152,944
JUICE (BOUILLON, BROTH, JUICE, AND NECTAR)	12	55,076	30	3/1,652,280	234,124
TOTAL CLAM PRODUCTS	1/34	1,864,850		48,163,050	13,619,064
CLAM SPECIALTIES (CAKES, SPREAD, IN SHELL, BISQUE, AND SOUP)	6	2,472	48	118,656	32,914
MUSSELS	3	298	48	2/14,304	8,798
OYSTERS, NATURAL	40	463,856	14	2/6,493,984	6,222,329
OYSTER SPECIALTIES	9	151,007	48	7,248,336	2,337,439
SQUID	6	322,983	48	15,503,184	1,267,745
TERRAPIN AND TURTLE MEAT, SOUP, AND STEW	9	10,927	48	524,496	160,995
MISCELLANEOUS SHELLFISH SPECIALTIES		4,791	48	229,968	111,548
TOTAL FOR HUMAN CONSUMPTION		24,153,539		653,758,882	314,161,034
BAIT AND ANIMAL FOOD:					
SALMON EGGS FOR BAIT	11	15,647	48	751,056	718,809
ANIMAL FOOD	47	6,678,891	48	320,586,768	32,686,620
TOTAL BAIT AND ANIMAL FOOD	58	6,694,538		321,337,824	33,405,429
GRAND TOTAL CANNED	1/384	30,848,077		975,096,706	347,566,463

		UNIT	QUANTITY	VALUE
BYPRODUCTS:				
MARINE ANIMAL SCRAP AND MEAL	141	TONS	295,357	37,854,084
MARINE ANIMAL OILS:				
BODY OIL	90	GALLONS	26,518,487	16,584,493
LIVER AND VISCERA OIL	8	DO	621,605	1,197,875
MARINE PEARL-SHELL BUTTONS	19	GROSS	3,633,766	6,127,940
MUSSEL-SHELL PRODUCTS, FRESH-WATER	13	-	-	4,441,702
OYSTER-SHELL PRODUCTS	21	TONS	386,200	3,943,621
FISH SOLUBLES AND HOMOGENIZED CONDENSED FISH	40	POUNDS	257,657,479	9,989,083
MISCELLANEOUS BYPRODUCTS	13	-	-	11,595,932
TOTAL BYPRODUCTS	1/216	-	-	91,734,730
GRAND TOTAL	1/553	-	-	439,301,193

1/ EXCLUSIVE OF DUPLICATION. 2/ DRAINED WEIGHT. 3/ "CUT OUT" OR "DRAINED" WEIGHTS OF CAN CONTENTS ARE GIVEN FOR WHOLE OR MINCED CLAMS, AND NET CAN CONTENTS FOR OTHER CLAM PRODUCTS.

NOTE:--LISTS OF CANNERS AND MANUFACTURERS OF FISHERY BYPRODUCTS BY INDIVIDUAL COMMODITIES MAY BE OBTAINED FROM THE FISH AND WILDLIFE SERVICE, WASHINGTON 25, D. C.

SUMMARY OF PRODUCTION, 1956

STATE	CANNED		BYPRODUCTS	TOTAL
	POUNDS	VALUE	VALUE	VALUE
MAINE	104,761,502	$26,109,413	$3,834,316	$29,943,729
MASSACHUSETTS, CONNECTICUT, RHODE ISLAND	63,686,832	7,522,359	10,287,106	17,809,465
NEW YORK	4,960,161	1,817,190	3,926,154	5,743,344
NEW JERSEY	27,460,923	8,140,240	12,262,766	20,403,006
PENNSYLVANIA, DELAWARE	8,981,790	2,364,266	8,809,572	11,173,838
MARYLAND, AMERICAN SAMOA, HAWAII, PUERTO RICO	18,181,464	10,670,407	1,537,503	12,207,910
VIRGINIA	4,561,551	498,875	4,969,231	5,468,106
NORTH CAROLINA, SOUTH CAROLINA	1,924,086	1,345,366	6,031,120	7,376,486
FLORIDA	99,552	44,872	1,268,442	1,313,314
GEORGIA, ALABAMA	1,192,863	1,613,170	2,046,816	3,659,986
MISSISSIPPI	72,496,545	12,478,055	4,338,400	16,816,455
LOUISIANA	11,865,645	13,240,611	8,335,080	21,575,691
TEXAS	-	-	2,258,453	2,258,453
IOWA	-	-	4,345,461	4,345,461
ILLINOIS, MICHIGAN	13,497,408	1,165,722	-	1,165,722
MINNESOTA, MISSOURI	-	-	46,175	46,175
OHIO, TENNESSEE, WISCONSIN	8,085,200	668,958	-	668,958
WASHINGTON	32,659,061	18,452,364	329,707	18,782,071
OREGON	30,405,680	19,530,473	516,137	20,046,610
CALIFORNIA	427,332,096	143,145,330	14,316,486	157,461,816
ALASKA	142,936,347	78,758,792	2,275,805	81,034,597
TOTAL	975,096,706	347,566,463	91,734,730	439,301,193

FACTORS USED TO CONVERT STANDARD CASES TO POUNDS

PRODUCT	PRIOR TO 1938	1939 AND 1940	1941	1942
	POUNDS PER CASE	POUNDS PER CASE	POUNDS PER CASE	POUNDS PER CASE
SARDINES:				
MAINE	25	25	25	20.3
PACIFIC	48	48	48	45
TUNA AND TUNALIKE FISHES:				
SOLID	24	24	21	22.5
CHUNKS	-	-	-	-
FLAKES	24	24	21	18
MACKEREL	48	48	48	45
ALEWIVES	48	48	48	48
ANCHOVIES	48	48	48	48
SHAD	48	48	48	48
FISH FLAKES	48	48	48	48
OYSTERS	15	15	15	15
SHRIMP:				
WET PACK	17.25	17.25	17.25	21
DRY PACK	15	15	15	19.5
CLAM PRODUCTS:				
WHOLE AND MINCED	15	15	15	15
JUICE, CHOWDER, BROTH, ETC.	30	30	30	30
CRABS	48	39	39	39
ALL OTHER	48	48	48	48

PRODUCT	1943	1944 TO 1947	1948 TO 1951	1952	1953 TO 1956
	POUNDS PER CASE	POUNDS PER CASE	POUNDS PER CASE	POUNDS PER CASE	POUNDS PER CASE
SARDINES:					
MAINE	20.3	20.3	20.3	20.3	20.3
PACIFIC	45	45	45	45	45
TUNA AND TUNALIKE FISHES:					
SOLID	22.5	21	21	21	21
CHUNKS	-	(1)	(1)	19.5	19.5
FLAKES	18	18	18	18	18
MACKEREL	45	45	45	45	45
ALEWIVES	45	45	45	45	45
ANCHOVIES	48	48	48	48	31.25
SHAD	48	45	45	45	45
FISH FLAKES	48	42	42	42	48
OYSTERS	22.5	22.5	14	14	14
SHRIMP:					
WET PACK	21	21	15	15	15
DRY PACK	19.5	-	-	15	15
CLAM PRODUCTS:					
WHOLE AND MINCED	15	15	15	15	15
JUICE, CHOWDER, BROTH, ETC.	30	30	30	30	30
CRABS	39	39	19.5	19.5	19.5
ALL OTHER	48	48	48	48	48

1/ PRIOR TO 1952 CHUNK PACK TUNA WAS INCLUDED WITH THE FLAKE PACK.

NOTE:--THE FACTORS LISTED ABOVE WERE USED IN CONVERTING THE STANDARD CASES REPORTED IN THE CANNED FISHERY PRODUCTS BULLETINS FOR THE YEARS INDICATED.

PACK OF SALMON, 1956

(STANDARD CASES)

SPECIES AND CAN SIZE	ALASKA						TOTAL	
	SOUTHEASTERN		CENTRAL		WESTERN			
	CASES	VALUE	CASES	VALUE	CASES	VALUE	CASES	VALUE
CHINOOK OR KING:								
1-POUND TALL.	1,117	$29,595	9,790	$277,215	7,592	$206,805	18,499	$513,615
1-POUND FLAT.	-	-	-	-	891	32,176	891	32,176
1/2-POUND FLAT.	226	5,847	6,694	229,171	14,374	482,588	21,294	717,606
7-OUNCE TUNA.	-	-	5,598	190,332	-	-	5,598	190,332
1/4-POUND FLAT.	-	-	-	-	32	1,664	32	1,664
4-POUND TALL.	739	16,258	-	-	-	-	739	16,258
TOTAL	2,082	51,700	22,082	696,718	22,889	723,233	47,053	1,471,651
CHUM OR KETA:								
1-POUND TALL.	236,586	4,505,681	354,660	6,572,134	24,227	489,815	615,473	11,567,630
1/2-POUND FLAT.	12,006	268,327	13,271	290,003	7,456	172,928	32,733	731,258
7-OUNCE TUNA.	-	-	2	26	-	-	2	26
4-POUND TALL.	19,342	425,524	7,484	149,502	-	-	26,826	575,026
TOTAL	267,934	5,199,532	375,417	7,011,665	31,683	662,743	675,034	12,873,940
PINK:								
1-POUND TALL.	499,527	11,212,476	521,925	11,557,882	2,870	66,999	1,024,322	22,837,357
1/2-POUND FLAT.	56,078	1,354,971	19,154	327,639	1,048	27,248	76,280	1,709,858
7-OUNCE TUNA.	-	-	2	40	-	-	2	40
4-POUND TALL.	9,471	227,213	6,694	153,429	-	-	16,165	380,642
TOTAL	565,076	12,794,660	547,775	12,038,990	3,918	94,247	1,116,769	24,927,897
RED OR SOCKEYE:								
1-POUND TALL.	50,516	1,613,962	243,922	7,765,163	541,549	18,210,586	835,987	27,589,711
1/2-POUND FLAT.	24,719	1,014,262	111,039	4,537,232	35,912	1,504,260	171,670	7,055,754
7-OUNCE TUNA.	-	-	1,508	54,306	-	-	1,508	54,306
4-POUND TALL.	5,620	189,148	773	23,346	-	-	6,393	212,494
TOTAL	80,855	2,817,372	357,242	12,380,047	577,461	19,714,846	1,015,558	34,912,265
SILVER OR COHO:								
1-POUND TALL.	31,883	890,981	36,039	1,004,186	2,737	78,944	70,659	1,974,111
1/2-POUND FLAT.	8,211	249,163	1,553	44,466	1,648	52,752	11,412	346,381
7-OUNCE TUNA.	-	-	221	6,794	-	-	221	6,794
4-POUND TALL.	3,936	146,003	9,712	289,838	-	-	13,648	435,841
TOTAL	44,030	1,286,147	47,525	1,345,284	4,385	131,696	95,940	2,763,127
GRAND TOTAL	959,977	22,149,411	1,350,041	33,472,704	640,336	21,326,765	2,950,354	76,948,880

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PACK OF SALMON, 1956 - Continued

(STANDARD CASES)

SPECIES AND CAN SIZE	UNITED STATES						GRAND TOTAL UNITED STATES AND ALASKA	
	WASHINGTON		OREGON		TOTAL UNITED STATES			
	CASES	VALUE	CASES	VALUE	CASES	VALUE	CASES	VALUE
CHINOOK OR KING:								
1-POUND TALL	1,086	$29,402	1/5,961	1/$125,701	7,047	$155,103	25,546	$668,718
1-POUND FLAT	-	-	-	-	-	-	891	32,176
1/2-POUND FLAT	19,717	776,607	1/82,771	1/3,157,177	102,488	3,933,784	123,782	4,651,390
7-OUNCE TUNA	-	-	-	-	-	-	5,598	190,332
1/4-POUND FLAT	61	2,408	7,711	342,479	7,772	344,887	7,804	346,551
4-POUND TALL	1,597	44,716	-	-	1,597	44,716	2,336	60,974
TOTAL	22,461	853,133	96,443	3,625,357	118,904	4,478,490	165,957	5,950,141
CHUM OR KETA:								
1-POUND TALL	60,122	1,245,627	1,285	23,406	61,407	1,269,033	676,880	12,836,663
1/2-POUND FLAT	6,622	159,901	2,445	58,663	9,067	218,564	41,800	949,822
7-OUNCE TUNA	-	-	-	-	-	-	2	26
4-POUND TALL	12,551	264,742	-	-	12,551	264,742	39,377	839,768
TOTAL	79,295	1,670,270	3,730	82,069	83,025	1,752,339	758,059	14,626,279
PINK:								
1-POUND TALL	5,491	122,854	-	-	5,491	122,854	1,029,813	22,960,211
1/2-POUND FLAT	1,006	26,145	588	15,280	1,594	41,425	77,874	1,751,283
7-OUNCES TUNA	-	-	-	-	-	-	2	40
4-POUND TALL	5,492	127,602	-	-	5,492	127,602	21,657	508,244
TOTAL	11,989	276,601	588	15,280	12,577	291,881	1,129,346	25,219,778
RED OR SOCKEYE:								
1-POUND TALL	16,804	548,879	-	-	16,804	548,879	852,791	28,138,590
1/2-POUND FLAT	117,936	4,938,617	11,963	498,860	129,899	5,437,477	301,569	12,493,231
7-OUNCE TUNA	-	-	-	-	-	-	1,508	54,306
1/4-POUND FLAT	7,731	390,313	5,874	280,745	13,605	671,058	13,605	671,058
4-POUND TALL	6,688	214,016	-	-	6,688	214,016	13,081	426,510
TOTAL	149,159	6,091,825	17,837	779,605	166,996	6,871,430	1,182,554	41,783,695
SILVER OR COHO:								
1-POUND TALL	21,980	647,001	3,125	81,133	25,105	728,134	95,764	2,702,245
1/2-POUND FLAT	27,100	838,635	1/11,056	1/308,953	38,156	1,147,588	49,568	1,493,969
7-OUNCE TUNA	-	-	-	-	-	-	221	6,794
1/4-POUND FLAT	6,256	235,849	6,864	239,198	13,120	475,047	13,120	475,047
4-POUND TALL	16,250	483,665	-	-	16,250	483,665	29,898	919,506
TOTAL	71,586	2,205,150	21,045	629,284	92,631	2,834,434	188,571	5,597,561
STEELHEAD:								
1-POUND TALL	-	-	67	1,221	67	1,221	67	1,221
1/2-POUND FLAT	15	136	3,990	122,958	4,005	123,094	4,005	123,094
1/4-POUND FLAT	-	-	4,099	170,979	4,099	170,979	4,099	170,979
TOTAL	15	136	8,156	295,158	8,171	295,294	8,171	295,294
GRAND TOTAL	334,505	11,097,115	147,799	5,426,753	482,304	16,523,868	3,432,658	93,472,748

1/ INCLUDES A SMALL PACK PRODUCED IN CALIFORNIA.

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT 1-POUND CANS, EACH CONTAINING 16 OUNCES OF SALMON. SALMON WERE CANNED IN 26 PLANTS IN WASHINGTON, 8 IN OREGON, 2 IN CALIFORNIA, AND 78 IN ALASKA. DIETETIC SALMON PACK IS INCLUDED IN THESE TOTALS. SMALL QUANTITIES OF CANNED SMOKED SALMON CANNED IN ALASKA ARE INCLUDED IN THE ABOVE TABLE.

PACIFIC COAST STATES SALMON PACK, BY DISTRICTS, 1956

(IN STANDARD CASES)

SPECIES	PUGET SOUND		COLUMBIA RIVER		COASTAL		TOTAL	
	CASES	VALUE	CASES	VALUE	CASES	VALUE	CASES	VALUE
CHINOOK OR KING. . .	4,191	$121,554	112,076	$4,328,650	2,637	$28,286	118,904	$4,478,490
CHUM OR KETA	75,727	1,589,516	4,909	114,953	2,389	47,870	83,025	1,752,339
PINK	11,989	276,601	588	15,280	-	-	12,577	291,881
RED OR SOCKEYE . . .	142,574	5,812,139	19,346	845,066	5,076	214,225	166.996	6,871,430
SILVER OR COHO . . .	70,437	2,174,585	22,031	656,182	163	3,667	92,631	2,834,434
STEELHEAD.	-	-	8,171	295,294	-	-	8,171	295,294
TOTAL	304,918	9,974,395	167,121	6,255,425	10,265	294,048	482,304	16,523,868

PUGET SOUND SALMON PACK, BY ORIGIN OF FISH, 1956

(STANDARD CASES)

SPECIES	PUGET SOUND FISH	CANADIAN FISH	ALASKAN FISH	TOTAL
	CASES	CASES	CASES	CASES
CHINOOK OR KING.	3,535	47	609	4,191
CHUM OR KETA	10,970	36,098	28,659	75,727
PINK	320	-	11,669	11,989
RED OR SOCKEYE	70,285	-	72,289	142,574
SILVER OR COHO	59,454	27	10,956	70,437
TOTAL	144,564	36,172	124,182	304,918

PACK OF MAINE SARDINES, INCLUDING SEA HERRING, 1956

STYLE OF PACK	STANDARD CASES	VALUE	CAN CONTENTS AND CASE SIZE	ACTUAL CASES	VALUE
SOYBEAN OIL.	1,979,144	$14,878,515	3-1/4 OUNCES NET (100 CANS).	2,216,786	$16,684,434
MUSTARD SAUCE.	221,418	1,600,652	9 OUNCES NET (48 CANS) . . .	4,888	34,955
TOMATO SAUCE	10,917	66,204	15 OUNCES NET (48 CANS). . .	2,715	18,621
OLIVE OIL.	13,731	163,746	OTHER SIZES (CONVERTED TO		
OTHER 1/	6,123	40,677	3-1/4 OUNCE NET (100 CANS).	2,036	11,784
TOTAL	2,231,333	16,749,794	TOTAL	2,226,425	16,749,794

1/ INCLUDES SMALL QUANTITIES PACKED NATURAL AND IN BRINE AND PEANUT OIL.

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE UNIFORM BASIS OF ONE HUNDRED 1/4 OIL CANS (3-1/4 OUNCES NET) TO THE CASE. SARDINES (INCLUDING SEA HERRING) WERE CANNED IN 39 PLANTS IN MAINE.

PACK OF PACIFIC SARDINES, 1956

STYLE OF PACK	STANDARD CASES	VALUE	CAN AND CASE SIZE	ACTUAL CASES	VALUE
NATURAL.	220,166	$1,294,067	1 POUND CANS: 15 OUNCES NET, OVAL (48 CANS).	419,937	$3,318,221
IN TOMATO SAUCE.	504,295	4,079,354	15 OUNCES NET, TALL (48 CANS).	249,591	1,467,104
IN MUSTARD SAUCE	15,742	125,874	7-1/2 OUNCES NET (48 CANS) . . .	47,118	320,102
OTHER 1/	14,531	235,203	5 OUNCES NET (100 CANS).	88,771	629,071
TOTAL.	754,734	5,734,498	TOTAL	805,417	5,734,498

1/ INCLUDES SMALL QUANTITIES PACKED IN BARBECUE SAUCE AND IN OLIVE OIL.

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE UNIFORM BASIS OF FORTY-EIGHT 1-POUND CANS (15 OUNCES NET). SARDINES WERE CANNED IN 20 PLANTS IN CALIFORNIA.

PACK OF TUNA AND TUNALIKE FISHES, 1956

(IN STANDARD CASES)

SPECIES	CALIFORNIA		WASHINGTON AND OREGON		ATLANTIC AND GULF COASTS AND U. S. TERRITORIES		TOTAL	
	CASES	VALUE	CASES	VALUE	CASES	VALUE	CASES	VALUE
TUNA:								
ALBACORE:								
SOLID PACK.	971,958	$13,725,078	642,218	$9,130,049	273,262	$3,841,589	1,887,438	$26,696,716
CHUNKS.	370,701	4,803,555	54,751	608,281	28,682	387,206	454,134	5,799,042
FLAKES AND GRATED .	185,664	1,423,196	123,785	811,640	19,527	153,783	328,976	2,388,619
TOTAL.	1,528,323	19,951,829	820,754	10,549,970	321,471	4,382,578	2,670,548	34,884,377
YELLOWFIN:								
SOLID PACK.	1,016,595	13,761,333	21,522	326,327	1/87,120	1,079,516	1,125,237	15,167,176
CHUNKS.	3,352,403	37,061,883	283,864	2,946,473	186,181	2,377,026	3,822,448	42,385,382
FLAKES AND GRATED .	534,675	4,154,995	23,687	177,721	110,085	671,560	668,447	5,004,276
TOTAL.	4,903,673	54,978,211	329,073	3,450,521	383,386	4,128,102	5,616,132	62,556,834
BLUEFIN:								
SOLID PACK.	30,390	365,006	-	-	35,500	372,750	65,890	737,756
CHUNKS.	213,915	2,560,465	(2)	(2)	4,693	56,005	218,608	2,616,470
FLAKES AND GRATED .	21,823	164,577	(2)	(2)	2,308	17,387	24,131	181,964
TOTAL.	266,128	3,090,048	-	-	42,501	446,142	308,629	3,536,190
SKIPJACK:								
SOLID PACK.	180,870	2,545,253	(2)	(2)	20,265	258,464	201,135	2,803,717
CHUNKS.	2,307,240	28,678,447	(2)	(2)	157,158	1,806,123	2,464,398	30,484,570
FLAKES AND GRATED .	241,706	1,916,131	(2)	(2)	31,642	224,991	273,348	2,141,122
TOTAL.	2,729,816	33,139,831	-	-	209,065	2,289,578	2,938,881	35,429,409
TONNO, SOLID PACK . .	182,389	2,485,613	-	-	-	-	182,389	2,485,613
UNCLASSIFIED:								
SOLID PACK.	-	-	1,028	18,504	-	-	1,028	18,504
CHUNKS.	-	-	94,374	1,257,179	-	-	94,374	1,257,179
FLAKES AND GRATED .	-	-	15,175	118,987	-	-	15,175	118,987
TOTAL.	-	-	110,577	1,394,670	-	-	110,577	1,394,670
TOTAL TUNA	9,610,329	113,645,532	1,260,404	15,395,161	956,423	11,246,400	11,827,156	140,287,093
TUNALIKE FISHES, BONITO AND YELLOWTAIL, SOLID, CHUNKS AND FLAKES	6,859	51,249	-	-	-	-	6,859	51,249
GRAND TOTAL. . . .	9,617,188	113,696,781	1,260,404	15,395,161	956,423	11,246,400	11,834,015	140,338,342

1/ INCLUDES A SMALL QUANTITY OF BIG EYE TUNA.
2/ INCLUDED WITH THE UNCLASSIFIED SPECIES.

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT NO. 1/2 TUNA CANS TO THE CASE, EACH CAN CONTAINING 7 OUNCES NET WEIGHT OF SOLID PACK, 6 TO 6-1/2 OUNCES NET WEIGHT OF CHUNKS, OR 6 OUNCES NET WEIGHT OF FLAKES OR GRATED. DIETETIC AND BABY FOOD TUNA PACKS ARE INCLUDED IN THESE TOTALS. TUNA AND TUNALIKE FISHES WERE CANNED IN 21 PLANTS IN CALIFORNIA, 5 IN OREGON, 4 IN WASHINGTON, 2 PLANTS EACH IN MARYLAND AND MISSISSIPPI, AND 1 PLANT EACH IN MAINE, PENNSYLVANIA, AMERICAN SOMOA, HAWAII AND PUERTO RICO. DATA ON THE PACK OF TUNA AND NOODLES AND OTHER TUNA SPECIALTY PRODUCTS CAN BE FOUND IN THE TABLE OF MISCELLANEOUS CANNED FISHERY PRODUCTS.

PACK OF TUNA AND TUNALIKE FISHES, BY CAN SIZES, 1956

CAN AND CASE SIZE	ACTUAL CASES	VALUE	CAN AND CASE SIZE	ACTUAL CASES	VALUE
4-POUNDS. . . . . 12 CANS	11,545	$607,172	1/4-POUND. . . . . 48 CANS	847,091	$6,855,801
1-POUND . . . . . 48 CANS	161,497	2,791,956	OTHER SIZES (CONVERTED TO STANDARD CASES)	159,982	1,467,885
1/2-POUND . . . . 48 CANS	10,884,202	128,615,528	TOTAL.	12,064,317	140,338,342

PACK OF ALEWIVES, 1956

STATE	STANDARD CASES	VALUE
MARYLAND AND NORTH CAROLINA	9,750	$44,015
VIRGINIA	31,055	120,925
TOTAL	40,805	164,940

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT CANS OF 15 OUNCES EACH. PRACTICALLY THE ENTIRE PACK WAS CANNED IN 15 OUNCE CANS. ALEWIVES WERE CANNED IN 1 PLANT IN MARYLAND, 8 IN VIRGINIA, AND 3 IN NORTH CAROLINA.

PACK OF MACKEREL, 1956

ITEM	STANDARD CASES	VALUE
NATURAL	1,045,604	$5,963,980
IN TOMATO SAUCE	70,739	470,880
TOTAL	1,116,343	6,434,860

NOTE:--INCLUDES THE PACK OF JACK MACKEREL. "STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT CANS OF 15 OUNCES EACH. PRACTICALLY THE ENTIRE PACK WAS CANNED IN 15 OUNCE CANS. MACKEREL WERE CANNED IN 20 PLANTS IN CALIFORNIA.

PACK OF ANCHOVIES, 1956

STYLE OF PACK	STANDARD CASES	VALUE	CAN CONTENTS AND CASE SIZE	ACTUAL CASES	VALUE
IN TOMATO SAUCE 1/	612,302	$3,360,586	5 OUNCES NET (100 CANS)	439,989	$2,384,958
			8 OUNCES NET (48 CANS)	136,156	670,895
			15 OUNCES NET (48 CANS)	47,046	304,733
			TOTAL	623,191	3,360,586

1/ INCLUDES SMALL QUANTITIES PACKED NATURAL AND IN HOT SAUCE.

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE UNIFORM BASIS OF 100 CANS, EACH CAN CONTAINING 5 OUNCES OF ANCHOVIES. ANCHOVIES WERE CANNED IN 13 PLANTS IN CALIFORNIA.

PACK OF SHAD, 1956

STATE AND NUMBER OF PLANTS	STANDARD CASES	VALUE
VIRGINIA (1), NORTH CAROLINA (1), AND CALIFORNIA (1)	3,535	$25,117
WASHINGTON (1), AND OREGON (3)	3,633	27,595
TOTAL	7,168	52,712

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE UNIFORM BASIS OF FORTY-EIGHT NO. 1 TALL CANS TO A CASE, EACH CAN CONTAINING 15 OUNCES OF FISH.

PACK OF CANNED ANIMAL FOOD FROM FISHERY PRODUCTS, 1956

STATE AND NUMBER OF PLANTS	STANDARD CASES	VALUE	CAN AND CASE SIZE	ACTUAL CASES	VALUE
MAINE (2) AND MASSACHUSETTS (7)	2,120,131	$11,223,058	8 OUNCES NET (48 CANS)	2,641,509	$8,447,803
NEW YORK (1), NEW JERSEY (1), AND MARYLAND (1)	73,165	212,396	8 OUNCES NET (96 CANS)	217,457	1,393,558
VIRGINIA (1), NORTH CAROLINA (1) AND MISSISSIPPI (2)	1,464,573	7,416,001	16 OUNCES NET (48 CANS)	5,124,713	22,754,176
ILLINOIS (1), MICHIGAN (2), OHIO (1), AND TENNESSEE (1)	442,301	1,661,360	OTHER SIZES CONVERTED TO STANDARD (16 OUNCES		
WASHINGTON (2), AND OREGON (4)	78,398	316,127			
CALIFORNIA (20)	2,500,323	11,857,678	48 CANS)	15,965	91,083
TOTAL (47)	6,678,891	32,686,620	TOTAL	7,999,644	32,686,620

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT CANS, EACH CONTAINING 16 OUNCES OF ANIMAL FOOD.

PACK OF FISH ROE AND CAVIAR, 1956

PRODUCT AND NUMBER OF PLANTS	STANDARD CASES	VALUE	STATES OF PRODUCTION AND NUMBER OF PLANTS
ALEWIFE ROE (16).	29,773	$330,780	CONNECTICUT (1), MARYLAND (1), NORTH CAROLINA (5) VIRGINIA (9)
SHAD ROE (7).	8,122	185,001	MARYLAND (1), WASHINGTON (1), OREGON (3), CALIFORNIA (2)
CISCO ROE (1), DEEP SEA ROE (1), LUMPFISH CAVIAR (1), STURGEON CAVIAR (2)	5,300	538,282	MASSACHUSETTS (1), NEW YORK (2)
SALMON CAVIAR (3).	2,371	71,620	NEW YORK (3)
WHITEFISH CAVIAR (3).	1,840	112,553	NEW YORK (2), WISCONSIN (1)
TOTAL EDIBLE ROE AND CAVIAR (28)	47,406	1,238,236	
SALMON EGGS FOR BAIT	15,647	718,809	WASHINGTON (11)
GRAND TOTAL (39)	63,053	1,957,045	

NOTE:--"STANDARD CASES" REPRESENTS THE VARIOUS SIZED CASES CONVERTED TO THE EQUIVALENT OF 48 CANS, EACH CONTAINING 16 OUNCES OF ROE OR CAVIAR.

PACK OF FISH ROE AND CAVIAR, BY STATES 1956

STATE	NUMBER OF PLANTS	STANDARD CASES	VALUE	STATE	NUMBER OF PLANTS	STANDARD CASES	VALUE
CONNECTICUT, MARYLAND, MASSACHUSETTS, WISCONSIN . . .	1 each	8,717	$143,593	CALIFORNIA.	2	8,062	$180,427
				OREGON.	3		
NEW YORK.	4	5,904	643,672				
VIRGINIA.	9	15,683	169,900				
NORTH CAROLINA. . .	5	9,038	100,500	WASHINGTON.	12	15,649	718,953
				TOTAL.	39	63,053	1,957,045

PACK OF CRABS, 1956

STATE AND NUMBER OF PLANTS	SPECIES	STANDARD CASES	STANDARD VALUE	CAN AND CASE SIZE	ACTUAL CASES	ACTUAL VALUE
ATLANTIC COAST AND GULF STATES:						
MAINE (1), NORTH CAROLINA (1), SOUTH CAROLINA (1), ALABAMA (2).	ROCK AND BLUE	33,131	$681,856	6-1/2 OUNCES NET (24 CANS)	66,562	$676,750
				6-1/2 OUNCES NET (48 CANS)	69,384	1,597,641
MISSISSIPPI (1), LOUISIANA (2)	BLUE	4,032	68,380			
TOTAL (8).		37,163	750,236	13 OUNCES NET (48 CANS)	3,400	172,251
PACIFIC COAST STATES AND ALASKA:						
WASHINGTON (8).	DUNGENESS	32,512	704,465	OTHER SIZES CONVERTED TO STANDARD (6-1/2 OUNCES, 48 CANS)	12,073	291,945
OREGON (3), CALIFORNIA (1). .	DUNGENESS	10,564	156,915			
ALASKA:						
	DUNGENESS	4,000	124,720			
	KING	37,300	1,002,251			
TOTAL (22)		84,376	1,988,351			
GRAND TOTAL (30)		121,539	2,738,587	TOTAL	151,419	2,738,587

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT CANS TO THE CASE, EACH CONTAINING 6-1/2 OUNCES OF CRABMEAT.

CLAM PRODUCTION, BY TYPE OF PACK, 1956

SPECIES, STATE AND NUMBER OF PLANTS	STANDARD CASES					
	WHOLE AND MINCED		CHOWDER AND JUICE		TOTAL	
	CASES	VALUE	CASES	VALUE	CASES	VALUE
SOFT CLAMS: 1/						
MAINE (6)	24,808	$328,590	376,525	$2,429,440	401,333	$2,758,030
RAZOR CLAMS:						
WASHINGTON (2), OREGON (3),	4,804	101,170	-	-	4,804	101,170
ALASKA (5)	34,267	682,941	-	-	34,267	682,941
TOTAL RAZOR CLAMS (10)	39,071	784,111	-	-	39,071	784,111
HARD CLAMS: 2/						
RHODE ISLAND (1), NEW YORK (2), NEW JERSEY (3), DELAWARE (1), PENNSYLVANIA (2)	432,834	3,936,223	942,685	5,848,546	1,375,519	9,784,769
WASHINGTON (5), CALIFORNIA (4)	22,117	183,072	26,810	109,082	48,927	292,154
TOTAL HARD CLAMS (18)	454,951	4,119,295	969,495	5,957,628	1,424,446	10,076,923
GRAND TOTAL (34)	518,830	5,231,996	1,346,020	8,387,068	1,864,850	13,619,064

1/ INCLUDES THE PACK OF SURF CLAMS IN MAINE.
2/ INCLUDES THE PACK OF SURF CLAMS IN NEW YORK, NEW JERSEY, AND DELAWARE; AND PISMO CLAMS IN CALIFORNIA.
NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE EQUIVALENT OF 48 NO. 1 PICNIC CANS, EACH CAN OF WHOLE OR MINCED CLAMS CONTAINING 5 OUNCES OF MEAT, DRAINED WEIGHT; AND EACH CAN OF CHOWDER, JUICE, BROTH, BOUILLON, OR NECTAR, 10 OUNCES NET CONTENT. THE PACK OF CLAMS CANNED IN THE SHELL IS NOT INCLUDED IN THIS TABLE.

PACK OF CLAMS AND CLAM PRODUCTS, 1956

PRODUCT AND NUMBER OF PLANTS	STANDARD CASES	POUNDS	VALUE
WHOLE CLAMS (12)	38,803	582,045	$500,345
MINCED CLAMS (20)	480,027	7,200,405	4,731,651
CHOWDER (14)	1,290,944	38,728,320	8,152,944
CLAM JUICE (INCLUDES BOUILLON, BROTH, JUICE AND NECTOR (12)	55,076	1,652,280	234,124
TOTAL (34)	1,864,850	48,163,050	13,619,064

PACK OF OYSTERS, 1956

STATE AND NUMBER OF PLANTS	STANDARD CASES		CAN CONTENTS AND CASE SIZE	ACTUAL CASES	
	CASES	VALUE		CASES	VALUE
ATLANTIC COAST AND GULF STATES: NORTH (1), AND SOUTH CAROLINA (2)	54,703	$660,939	ATLANTIC COAST AND GULF STATES: 4-2/3 OUNCES (24 CANS)	380,953	$2,443,129
ALABAMA (3)	10,815	167,684	4-2/3 OUNCES (48 CANS)	118,565	1,684,218
MISSISSIPPI (14)	96,725	1,283,609	4-1/6 OUNCES (24 CANS)	8,140	53,056
LOUISIANA (10)	192,054	2,594,880	6-1/2 OUNCES (24 CANS)	53,575	462,843
			OTHER SIZE CONVERTED TO STANDARD CASES	4,282	63,866
TOTAL (30)	354,297	4,707,112	TOTAL	565,515	4,707,112
PACIFIC COAST STATES: WASHINGTON (6)	100,017	1,413,710	PACIFIC COAST STATES: 4-2/3 OUNCES (24 CANS)	39,514	325,551
OREGON (3), AND CALIFORNIA (1)	9,542	101,507	6-1/2 OUNCES (24 CANS)	13,447	107,854
			6-1/2 OUNCES (48 CANS)	36,226	659,772
			OTHER SIZES CONVERTED TO STANDARD CASES	29,979	422,040
TOTAL (10)	109,559	1,515,217	TOTAL	119,166	1,515,217
GRAND TOTAL (40)	463,856	6,222,329	GRAND TOTAL	684,681	6,222,329

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT CANS TO THE CASE, EACH CONTAINING 4-2/3 OUNCES DRAINED WEIGHT OF OYSTER MEATS.

PACK OF SHRIMP, 1956

STATE AND NUMBER OF PLANTS	STANDARD CASES		CAN CONTENTS AND CASE SIZE	ACTUAL CASES	
	CASES	VALUE		CASES	VALUE
GEORGIA (1) AND ALABAMA (2). . .	61,411	$1,327,962	4-1/2 OUNCES (24 CANS). .	775,358	$6,715,401
MISSISSIPPI (11)	208,312	3,932,618	5 OUNCES (24 CANS). . . .	717,839	6,144,275
LOUISIANA (22)	501,248	10,539,649	5 OUNCES (48 CANS). . . .	147,897	2,663,876
			OTHER SIZES CONVERTED TO STANDARD CASES	15,245	276,677
TOTAL (36).	870,971	15,800,229	TOTAL.	1,656,339	15,800,229

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT CANS TO THE CASE, EACH CAN CONTAINING 5 OUNCES OF SHRIMP MEAT. THE PACK OF SHRIMP WAS A WET PACK WITH THE EXCEPTION OF A SMALL QUANTITY IN LOUISIANA THAT WAS PACKED DRY.

PACK OF MISCELLANEOUS FISHERY PRODUCTS, 1956

PRODUCT	STANDARD CASES	VALUE	LOCATION AND NUMBER OF PLANTS
FISH:			
CAKES (PRINCIPALLY GROUNDFISH).	93,993	$1,194,952	MAINE (2), MASSACHUSETTS (1), VIRGINIA (1), WASHINGTON (1), CALIFORNIA (1)
FLAKES (PRINCIPALLY GROUNDFISH) AND PASTE AND SPREADS.	22,313	494,108	MAINE (3), MASSACHUSETTS (1), NEW YORK (2), MARYLAND (1), FLORIDA (2), MICHIGAN (1), CALIFORNIA (1), AMERICAN SAMOA (1)
SMOKED OR KIPPERED:			
SALMON.	425	21,812	WASHINGTON (2), OREGON (3), CALIFORNIA (1)
COD, SHAD, STURGEON, AND TROUT.	334	19,928	WASHINGTON (4), OREGON (2)
TUNA SPECIALTIES (WITH NOODLES, BEANS, SHERRY, AND CREAMED SAUCES	29,074	371,139	MAINE (1), WASHINGTON (1), CALIFORNIA (5)
OTHER SPECIALTIES (COD, HERRING, MARLIN, MENHADEN, MULLET, SALMON LIVERS, WAHOO, FINNAN HADDIE, ANTIPASTO, CHOWDER, AND GEFILTE FISH).	90,580	1,367,392	MAINE (1), MASSACHUSETTS (1), NEW YORK (1), NEW JERSEY (2), MARYLAND (1), FLORIDA (1), MICHIGAN (1), WASHINGTON (3), CALIFORNIA (2), AMERICAN SAMOA (1)
TOTAL.	236,719	3,469,331	
SHELLFISH:			
CRAB SPECIALTIES (COCKTAILS, DEVILED, SOFT-SHELLED, SMOKED, SPREAD, SOUPS, AND STEWS). . .	6,855	133,672	MAINE (1), NEW JERSEY (1), PENNSYLVANIA (2), MARYLAND (2), NORTH CAROLINA (1), LOUISIANA (1), WASHINGTON (2)
LOBSTER SPECIALTIES (MEAT, KNUCKLES, SPREAD, SOUPS, AND STEWS)	4,523	225,537	MAINE (1), MASSACHUSETTS (1), NEW JERSEY (2), PENNSYLVANIA (1), MICHIGAN (1)
SHRIMP SPECIALTIES (ASPIE, COCKTAILS, SPREAD, SOUPS, AND STEWS.	14,984	486,130	NEW JERSEY (2), PENNSYLVANIA (2), MARYLAND (2), LOUISIANA (2), MICHIGAN (1), WASHINGTON (1), CALIFORNIA (1)
CLAM SPECIALTIES (CAKES, SPREAD, IN SHELL, BISQUE AND SOUP) . .	2,472	32,914	MAINE (2), NEW YORK (1), MARYLAND (1), WASHINGTON (2)
MUSSELS	298	8,798	MAINE (3)
OYSTER SPECIALTIES:			
SMOKED.	1,688	177,257	WASHINGTON (6)
STEW.	147,009	2,129,920	WASHINGTON (4), OREGON (2), CALIFORNIA (1)
BISQUE, COCKTAILS, SOUP, AND A LA KING.	2,310	30,262	MARYLAND (1), LOUISIANA (1), WASHINGTON (2)
SQUID	322,983	1,267,745	CALIFORNIA (6)
TERRAPIN AND TURTLE (MEAT, SOUP, AND STEWS)	10,927	160,995	NEW JERSEY (1), PENNSYLVANIA (2), GEORGIA (1), FLORIDA (2), LOUISIANA (2), OHIO (1)
OTHER SPECIALTIES (CRAWFISH BISQUE, ABALONE, CONCHS AND CONCH CHOWDER, SCALLOPS IN SAUCE, FROG LEGS, AND UNCLASSIFIED SOUPS AND STEWS).	4,791	111,548	MASSACHUSETTS (1), NEW JERSEY (2), FLORIDA (1), LOUISIANA (2), CALIFORNIA (1)
TOTAL.	518,840	4,754,778	
GRAND TOTAL.	755,559	8,234,109	

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZED CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT CANS, EACH CONTAINING 16 OUNCES NET WEIGHT. FIGURES IN BRACKETS REFER TO NUMBER OF PLANTS.

PLANTS PRODUCING FISHERY PRODUCTS AND BYPRODUCTS, 1956

STATE AND AREA	CANNED PRODUCTS	BYPRODUCTS	TOTAL PLANTS EXCLUSIVE OF DUPLICATION
NEW ENGLAND:			
MAINE	47	15	59
MASSACHUSETTS	9	8	15
CONNECTICUT	1	2	2
RHODE ISLAND	1	1	2
TOTAL	58	26	78
MIDDLE ATLANTIC:			
NEW YORK	8	4	12
NEW JERSEY	9	17	26
PENNSYLVANIA	3	4	7
DELAWARE	1	3	4
TOTAL	21	28	49
CHESAPEAKE BAY:			
MARYLAND	5	8	12
VIRGINIA	9	16	23
TOTAL	14	24	35
SOUTH ATLANTIC AND GULF:			
NORTH CAROLINA	7	19	21
SOUTH CAROLINA	3	1	3
GEORGIA	2	2	4
FLORIDA	5	5	10
ALABAMA	3	1	4
MISSISSIPPI	17	7	24
LOUISIANA	28	25	50
TEXAS	-	4	4
TOTAL	65	64	120
GREAT LAKES AND MISSISSIPPI RIVER:			
ILLINOIS	1	-	1
IOWA	-	10	10
MICHIGAN	3	-	3
MINNESOTA	-	2	2
MISSOURI	-	1	1
OHIO	2	-	2
PENNSYLVANIA	1	-	1
TENNESSEE	1	-	1
WISCONSIN	1	-	1
TOTAL	9	13	22
PACIFIC COAST:			
WASHINGTON	63	13	75
OREGON	20	5	23
CALIFORNIA	41	32	52
TOTAL	124	50	150
ALASKA	90	9	96
PUERTO RICO	1	1	1
HAWAII	1	-	1
AMERICAN SAMOA	1	1	1
GRAND TOTAL	384	216	553

NUMBER OF PLANTS PRODUCING FISHERY BYPRODUCTS, 1956

PRODUCT	ATLANTIC AND GULF COASTS 1/	PACIFIC COAST AND TERRITORIES 2/	TOTAL
	NUMBER	NUMBER	NUMBER
MEAL AND SCRAP, DRIED:			
ANCHOVY	-	3	3
ALEWIFE	9	-	9
CRAB:			
BLUE	18	-	18
DUNGENESS	-	3	3
FUR SEAL	-	1	1
GROUNDFISH (INCLUDING OCEAN PERCH)	3	-	3
HERRING	7	5	12
HORSESHOE CRAB	1	-	1
MENHADEN	37	-	37
SARDINE (PILCHARD)	-	11	11
SALMON	-	5	5
SHARK	-	1	1
SHRIMP	22	-	22
TUNA AND MACKEREL	-	20	20
UNCLASSIFIED MEAL AND SCRAP, DRIED	14	15	29
OIL, BODY:			
ANCHOVY	-	2	2
ALEWIFE	6	-	6
FUR SEAL	-	1	1
GROUNDFISH (INCLUDING OCEAN PERCH)	4	-	4
HERRING	7	6	13
MENHADEN	37	-	37
SARDINE (PACIFIC)	-	12	12
SALMON:			
EDIBLE	-	2	2
INDUSTRIAL	-	2	2
TUNA AND MACKEREL	-	19	19
WHALE	-	1	1
MISCELLANEOUS BODY OIL	3	13	16
OIL, LIVER AND VISCERA:			
BURBOT	1	-	1
COD	2	1	3
HALIBUT	1	1	2
POLLOCK	1	-	1
SABLEFISH	-	1	1
SEA BASS	1	-	1
SHARK	1	2	3
TUNA	1	-	1
VISCERA OIL	-	1	1
MISCELLANEOUS LIVER OIL (INCLUDING VITAMIN OILS)	1	2	3
MUSSEL-SHELL PRODUCTS (FRESH-WATER):			
BUTTONS	12	-	12
CRUSHED SHELL FOR POULTRY FEED	3	-	3
LIME, DUST AND CHIPS	5	-	5
OYSTER-SHELL PRODUCTS:			
CRUSHED SHELL FOR POULTRY FEED	10	7	17
SHELL LIME:			
BURNED	2	-	2
UNBURNED	10	6	16
DEACETYLATED CHITIN (FROM SHRIMP HULLS)	1	-	1
MARINE PEARL-SHELL BUTTONS	19	-	19
AGAR-AGAR	-	1	1
FISH SOLUBLES AND HOMOGENIZED-CONDENSED FISH	34	6	40
GLUE	2	-	2
IRISH MOSS EXTRACTIVES	2	-	2
KELP PRODUCTS	1	2	3
LIQUID FERTILIZER	-	1	1
PEARL ESSENCE	5	-	5
TOTAL EXCLUSIVE OF DUPLICATION	134	65	199

1/ INCLUDES FIRMS IN THE GREAT LAKES AND MISSISSIPPI RIVER STATES WHICH ENGAGED IN THE PRODUCTION OF FRESH-WATER MUSSEL-SHELL PRODUCTS, BURBOT LIVER OIL, AND MISCELLANEOUS FISH MEAL. 2/ INCLUDES ALASKA, AMERICAN SAMOA, AND PUERTO RICO.

NOTE:--LISTS OF CANNERS AND MANUFACTURERS OF FISHERY BYPRODUCTS BY INDIVIDUAL COMMODITIES MAY BE OBTAINED FROM THE FISH AND WILDLIFE SERVICE, WASHINGTON 25, D. C.

PRODUCTION OF MARINE-ANIMAL SCRAP AND MEAL, 1956

PRODUCT	ATLANTIC AND GULF COASTS 1/		PACIFIC COAST AND TERRITORIES 2/		TOTAL	
	TONS	VALUE	TONS	VALUE	TONS	VALUE
MEAL AND DRIED SCRAP:						
ALEWIFE	1,773	$238,279	-	-	1,773	$238,279
ANCHOVY	-	-	263	$34,219	263	34,219
CRABS, BLUE	9,516	463,348	-	-	9,516	463,348
CRAB, DUNGENESS	-	-	186	13,020	186	13,020
FUR SEAL	-	-	350	21,350	350	21,350
GROUNDFISH ("WHITE FISH") INCLUDING OCEAN PERCH	4,677	613,702	-	-	4,677	613,702
HERRING	3,488	465,472	7,810	1,097,150	11,298	1,562,622
MENHADEN	210,582	27,439,634	-	-	210,582	27,439,634
SARDINE, PACIFIC	-	-	2,809	369,867	2,809	369,867
SALMON	-	-	426	50,310	426	50,310
SHRIMP	561	33,865	-	-	561	33,865
TUNA AND MACKEREL	-	-	26,266	3,355,069	26,266	3,355,069
UNCLASSIFIED	3/ 20,070	3/ 2,844,768	4/ 6,580	4/ 814,031	26,650	3,658,799
TOTAL	250,667	32,099,068	44,690	5,755,016	295,357	37,854,084

1/ INCLUDES A SMALL PRODUCTION IN MINNESOTA.
2/ INCLUDES ALASKA, AMERICAN SAMOA, AND PUERTO RICO.
3/ INCLUDES A SMALL PRODUCTION OF HORSESHOE CRAB MEAL.
4/ INCLUDES THE PRODUCTION OF SHARK AND WHALE MEAL.

PRODUCTION OF MARINE-ANIMAL OIL, 1956

PRODUCT	ATLANTIC AND GULF COASTS 1/		PACIFIC COAST, ALASKA, AND AMERICAN SAMOA		TOTAL	
	GALLONS	VALUE	GALLONS	VALUE	GALLONS	VALUE
BODY OIL:						
ALEWIFE	79,477	$48,528	-	-	79,477	$48,528
FUR SEAL	-	-	40,000	$26,000	40,000	26,000
HERRING	129,325	70,306	1,694,831	1,071,605	1,824,156	1,141,911
MENHADEN	22,428,082	14,092,275	-	-	22,428,082	14,092,275
SARDINE, PACIFIC	-	-	337,351	180,544	337,351	180,544
SALMON	-	-	59,595	90,355	59,595	90,355
TUNA AND MACKEREL	-	-	705,316	359,144	705,316	359,144
UNCLASSIFIED	2/ 504,616	2/ 325,583	3/ 539,894	3/ 320,153	1,044,510	645,736
TOTAL	23,141,500	14,536,692	3,376,987	2,047,801	26,518,487	16,584,493
LIVER AND VISCERA OIL:						
COD	4/ 177,191	4/ 154,414	(4)	(4)	177,191	154,414
SHARK	4/ 86,920	4/ 332,253	(4)	(4)	86,920	332,253
UNCLASSIFIED	5/ 19,362	5/ 97,560	6/ 338,132	6/ 613,648	357,494	711,208
TOTAL	283,473	584,227	338,132	613,648	621,605	1,197,875
GRAND TOTAL	23,424,973	15,120,919	3,715,119	2,661,449	27,140,092	17,782,368

1/ INCLUDES THE PRODUCTION OF BURBOT LIVER OIL IN MINNESOTA.
2/ INCLUDES THE PRODUCTION OF GROUNDFISH (INCLUDING OCEAN PERCH), AND UNCLASSIFIED BODY OIL.
3/ INCLUDES THE PRODUCTION OF ANCHOVY, WHALE AND UNCLASSIFIED BODY OIL.
4/ EAST AND WEST COAST PRODUCTION COMBINED.
5/ INCLUDES THE PRODUCTION OF BURBOT, HALIBUT, POLLOCK, SEA BASS, TUNA, AND UNCLASSIFIED LIVER OIL.
6/ INCLUDES THE PRODUCTION OF HALIBUT, SABLEFISH, VISCERA OIL, AND VITAMIN OIL.

PRODUCTION OF FISH SOLUBLES AND HOMOGENIZED-CONDENSED FISH, 1956

PRODUCT, STATE, AND NUMBER OF PLANTS	POUNDS	VALUE
FISH SOLUBLES:		
MAINE (2), MASSACHUSETTS (3)	5,597,039	$191,500
NEW YORK (1), NEW JERSEY (3), DELAWARE (2)	74,826,257	2,618,918
VIRGINIA (5)	19,764,640	768,007
NORTH CAROLINA (3), FLORIDA (3)	10,129,934	387,908
MISSISSIPPI (4)	13,173,830	498,900
LOUISIANA (4), TEXAS (2)	26,654,119	1,029,641
CALIFORNIA (5), OREGON (1)	47,935,660	1,962,724
TOTAL (38)	198,081,479	7,457,598
HOMOGENIZED-CONDENSED FISH:		
MASSACHUSETTS (1), RHODE ISLAND (1)	59,576,000	2,531,485
GRAND TOTAL (40)	257,657,479	9,989,083

SUPPLEMENTARY REVIEW OF THE MENHADEN FISHERY, 1956

STATE AND NUMBER OF PLANTS	MENHADEN UTILIZED		DRY SCRAP AND MEAL		OIL		TOTAL
	POUNDS	NO. OF FISH	TONS	VALUE	GALLONS	VALUE	VALUE
MAINE (2), MASSACHUSETTS (2), RHODE ISLAND (1)	78,746,105	117,531,500	5,394	$697,639	946,990	$593,621	$1,291,260
NEW YORK (1), NEW JERSEY (3), DELAWARE (2), MARYLAND (1)	924,889,909	1,380,432,700	94,949	11,870,125	10,453,451	6,160,198	18,030,323
VIRGINIA (5)	193,897,464	289,399,200	21,223	2,927,124	855,233	549,401	3,476,525
NORTH CAROLINA (7)	251,643,290	375,587,000	26,345	3,635,608	2,528,871	1,796,567	5,432,175
MISSISSIPPI (5)	172,588,650	257,595,000	16,243	2,133,600	2,587,582	1,681,900	3,815,500
FLORIDA (3), TEXAS (2)	134,300,830	200,449,000	13,026	1,747,477	854,851	553,662	2,301,139
LOUISIANA (4)	320,521,300	478,390,000	33,402	4,428,061	4,201,104	2,756,926	7,184,987
TOTAL (38)	2,076,587,548	3,099,384,400	210,582	27,439,634	22,428,082	14,092,275	41,531,909

PRODUCTION OF OYSTER-SHELL PRODUCTS, 1956

STATE AND NUMBER OF PLANTS	CRUSHED SHELL FOR POULTRY FEED		SHELL LIME BURNED AND UNBURNED		TOTAL	
	TONS	VALUE	TONS	VALUE	TONS	VALUE
NEW JERSEY (1) AND PENNSYLVANIA (2)	2,038	$42,090	104	$484	2,142	$42,574
MARYLAND (2), VIRGINIA (3), NORTH CAROLINA (1), AND FLORIDA (1)	33,930	430,117	24,445	248,083	58,375	678,200
ALABAMA (1), LOUISIANA (1) AND TEXAS (2)	253,754	2,616,863	45,105	266,960	298,859	2,883,823
WASHINGTON (4)	2,407	45,058	855	8,194	3,262	53,252
OREGON (1) AND CALIFORNIA (2)	21,358	266,093	2,204	19,679	23,562	285,772
TOTAL (21)	313,487	3,400,221	72,713	543,400	386,200	3,943,621

NOTE:--INCLUDES THE PRODUCTION OF REEF SHELLS. A QUANTITY OF BURNED LIME WAS PRODUCED IN VIRGINIA.

PRODUCTION OF FRESH-WATER MUSSEL-SHELL PRODUCTS, 1956

STATE AND NUMBER OF PLANTS	BUTTONS		LIME AND POULTRY GRIT		TOTAL
	GROSS	VALUE	TONS	VALUE	VALUE
IOWA (10)	3,487,466	$4,305,156	3,223	$38,318	$4,343,474
PENNSYLVANIA (2), AND MISSOURI (1)	85,854	98,228	-	-	98,228
TOTAL (13)	3,573,320	4,403,384	3,223	38,318	4,441,702

PRODUCTION OF MARINE PEARL-SHELL BUTTONS, 1956

STATE AND NUMBER OF PLANTS	GROSS	VALUE
NEW YORK (2), CONNECTICUT (1)	1,446,680	$2,167,101
NEW JERSEY (11)	883,928	1,924,705
PENNSYLVANIA (2), DELAWARE (1), MARYLAND (1), IOWA (1)	1,303,158	2,036,134
TOTAL (19)	3,633,766	6,127,940

PRODUCTION OF MISCELLANEOUS BYPRODUCTS, 1956

PRODUCT	STATE AND NUMBER OF PLANTS	VALUE
AGAR-AGAR DEACETYLATED CHITIN (FROM SHRIMP HULLS) GLUE IRISH MOSS (EXTRACT) KELP PRODUCTS LIQUID FERTILIZER PEARL ESSENCE	CALIFORNIA (1) GEORGIA (1) MASSACHUSETTS (2) MAINE (1), MASSACHUSETTS (1) MAINE (1), CALIFORNIA (2) WASHINGTON (1) MAINE (4), VIRGINIA (1)	$11,595,932

YEAR	SALMON					
	PACIFIC COAST STATES		ALASKA		TOTAL SALMON	
	CASES	VALUE	CASES	VALUE	CASES	VALUE
1921-1930 AVE.	1,147,835	$11,916,541	4,860,058	$33,893,502	6,007,893	$45,810,043
1931-1935 AVE.	984,706	7,301,890	5,699,775	28,513,777	6,684,481	35,815,667
1936	527,574	5,309,438	8,437,603	44,751,633	8,965,177	50,061,071
1937	885,372	8,386,165	6,669,665	44,547,769	7,555,037	52,933,934
1938	472,721	5,728,892	6,806,998	36,636,897	7,279,719	42,365,789
1939	728,943	7,339,727	5,263,161	34,441,122	5,992,104	41,780,849
1940	535,663	6,575,176	5,069,343	31,474,492	5,605,006	38,049,668
1941	899,589	11,199,317	6,932,040	56,217,601	7,831,629	67,416,918
1942	759,032	13,673,968	5,075,974	48,300,209	5,835,006	61,974,177
1943	275,889	5,110,847	5,428,318	57,824,267	5,704,207	62,935,114
1944	245,588	5,187,136	4,893,059	51,196,140	5,138,647	56,383,276
1945	557,769	7,942,102	4,350,471	44,644,303	4,908,240	52,586,405
1946	560,289	17,003,459	3,949,878	53,157,194	4,510,167	70,160,653
1947	1,329,226	31,969,134	4,312,172	88,666,301	5,641,398	120,635,435
1948	810,075	24,008,466	4,014,891	96,528,730	4,824,966	120,537,196
1949	1,133,325	22,167,812	4,391,601	81,263,171	5,524,926	103,430,983
1950	1,001,819	27,187,060	3,307,985	82,354,118	4,309,804	109,541,178
1951	1,161,274	29,388,514	3,484,299	79,237,355	4,645,573	108,625,869
1952	890,156	21,906,773	3,574,191	76,357,016	4,464,347	98,263,789
1953	1,049,547	24,067,839	2,862,312	58,172,629	3,911,859	82,240,468
1954	1,068,266	28,915,972	3,094,452	63,339,170	4,162,718	92,255,142
1955	903,816	24,507,762	2,384,820	56,848,555	3,288,636	81,356,317
1956	482,304	16,523,868	2,950,354	76,948,880	3,432,658	93,472,748

	TUNA AND TUNALIKE FISHES					
	TUNA		TUNALIKE FISHES		TOTAL TUNA AND TUNALIKE FISHES	
	CASES	VALUE	CASES	VALUE	CASES	VALUE
1921-1930 AVE.	1,017,364	$7,135,011	45,874	$236,069	1,063,238	$7,371,080
1931-1935 AVE.	1,618,327	8,440,215	50,484	205,818	1,668,811	8,646,033
1936	2,415,549	13,558,819	265,185	1,156,572	2,680,734	14,715,391
1937	2,929,352	17,914,589	215,149	1,081,190	3,144,501	18,995,779
1938	2,512,345	14,143,133	241,798	1,040,503	2,754,143	15,183,636
1939	3,417,035	19,147,235	225,916	932,332	3,642,951	20,079,567
1940	3,994,470	22,926,463	193,990	801,097	4,188,460	23,727,560
1941	2,556,922	17,505,146	374,659	1,792,741	2,931,581	19,397,887
1942	2,404,908	30,008,885	79,841	733,608	2,484,749	30,742,493
1943	2,579,815	30,541,893	116,258	888,296	2,696,073	31,430,189
1944	3,530,877	40,615,221	29,143	220,896	3,560,020	40,836,117
1945	4,442,101	46,713,477	89,464	693,974	4,531,565	47,407,451
1946	4,596,629	57,342,706	187,855	1,793,117	4,784,484	59,135,823
1947	5,447,554	85,093,328	446,941	5,515,847	5,894,495	90,609,175
1948	6,663,619	107,980,968	374,139	4,631,328	7,037,758	112,612,296
1949	7,130,453	96,039,797	159,867	1,670,528	7,290,320	97,710,325
1950	8,944,598	112,136,363	71,943	693,731	9,016,541	112,830,094
1951	8,131,274	98,102,229	105,451	943,977	8,236,725	99,046,206
1952	8,893,889	111,075,890	227,000	1,958,620	9,120,889	113,034,510
1953	9,407,059	124,744,195	172,967	1,513,413	9,580,026	126,257,608
1954	10,810,849	141,504,299	78,049	644,517	10,888,898	142,148,816
1955	9,933,580	125,222,513	4,815	36,551	9,938,395	125,259,064
1956	11,827,156	140,287,093	6,859	51,249	11,834,015	140,338,342

YEAR	SARDINES				ANCHOVIES		ALEWIVES	
	MAINE		PACIFIC					
	CASES	VALUE	CASES	VALUE	CASES	VALUE	CASES	VALUE
1921-1930 AVE.	1,677,265	$6,031,760	1,953,474	$6,961,598	-	-	24,066	$77,558
1931-1935 AVE.	1,042,116	2,974,505	1,719,387	4,519,462	4/ 1,594	4/ $4,982	20,095	48,402
1936	1,845,860	5,740,454	2,616,530	7,302,273	-	-	24,140	58,527
1937	1,680,241	4,998,373	2,812,456	8,592,117	-	-	54,993	139,585
1938	671,635	2,367,045	2,261,678	7,102,358	-	-	52,886	143,558
1939	2,210,466	7,075,096	3,108,082	9,553,663	-	-	22,882	74,804
1940	1,117,748	3,736,394	2,945,882	8,975,257	-	-	24,486	72,070
1941	3,164,787	12,590,958	5,007,154	18,091,873	-	-	42,156	153,269
1942	2,873,246	12,162,451	3,744,624	15,509,964	262	6,493	77,232	399,555
1943	2,505,114	11,104,570	3,354,697	14,352,359	35	1,196	112,472	619,213
1944	3,261,984	14,819,803	3,650,919	15,225,919	-	-	135,995	793,254
1945	2,725,216	12,077,201	3,765,981	15,346,472	-	-	131,062	753,769
1946	3,276,338	20,275,590	2,977,170	19,895,649	-	-	193,980	1,180,197
1947	3,013,910	28,310,674	1,652,592	16,538,375	199,863	1,377,275	139,816	779,150
1948	3,682,392	29,359,114	2,654,149	21,892,893	102,903	755,458	123,134	639,356
1949	3,074,523	21,051,675	3,768,212	21,334,825	5,771	34,184	111,994	469,398
1950	3,844,164	21,209,033	5,070,805	26,345,509	38,096	227,496	69,568	316,993
1951	1,676,764	14,635,352	2,864,984	19,362,744	63,060	489,062	127,760	604,314
1952	3,530,876	21,502,970	106,746	918,072	674,286	4,737,391	79,861	374,680
1953	2,782,495	16,954,119	63,612	653,131	1,061,995	7,661,173	111,391	507,925
1954	2,934,933	18,152,815	1,338,101	9,817,893	505,972	2,772,701	65,716	290,550
1955	1,268,843	9,333,350	1,414,609	10,013,590	415,149	2,430,732	44,645	206,004
1956	2,231,333	16,749,794	754,734	5,734,498	612,302	3,360,586	40,805	164,940

PACK OF CANNED FISHERY PRODUCTS: STANDARD CASES - 1921 - 1956 - CONTINUED

YEAR	MACKEREL		FISH ROE, CAVIAR, AND EGGS FOR BAIT		ANIMAL FOOD	
	CASES	VALUE	CASES	VALUE	CASES	VALUE
1921-1930 AVE.	1/ 229,293	1/ $979,927	2/ 68,740	2/ $820,057	3/ 13,495	3/ $42,451
1931-1935 AVE.	806,664	2,117,791	48,284	814,969	232,150	629,017
1936	1,236,850	3,542,895	59,040	1,028,293	267,425	743,968
1937	840,832	2,673,608	69,974	996,169	377,041	840,307
1938	965,629	2,896,220	61,337	786,441	413,434	888,399
1939	889,389	2,588,695	64,448	957,875	566,673	1,109,112
1940	1,421,894	4,101,369	61,852	891,814	721,732	1,861,638
1941	935,001	3,503,718	76,740	815,514	1,009,515	2,624,487
1942	721,189	3,693,082	53,190	910,890	104,954	374,718
1943	937,251	5,271,203	59,884	1,044,582	1,771	5,319
1944	1,225,060	7,033,997	55,677	824,197	-	-
1945	692,748	4,046,691	36,795	948,042	-	-
1946	962,150	7,575,291	58,192	1,905,638	-	-
1947	1,754,950	15,018,633	52,432	1,641,228	909,999	3,949,699
1948	1,281,192	9,850,834	50,629	1,473,320	1,323,808	6,971,003
1949	1,049,927	6,848,930	86,459	1,969,998	1,931,757	8,663,442
1950	1,457,048	7,491,816	71,557	1,908,559	2,721,463	13,871,430
1951	1,048,518	6,259,224	76,095	1,926,140	2,341,871	11,675,809
1952	1,525,353	11,362,697	64,080	1,681,010	3,497,733	15,667,950
1953	596,321	5,038,512	65,742	1,812,844	3,881,245	17,348,052
1954	366,181	2,508,715	61,147	1,874,937	4,027,368	18,419,757
1955	564,429	3,333,979	58,218	1,910,580	5,337,449	27,517,188
1956	1,116,343	6,434,860	63,053	1,957,045	6,678,891	32,686,620

YEAR	CLAM PRODUCTS					
	WHOLE AND MINCED		CHOWDER, JUICE, BROTH, ETC.		TOTAL	
	CASES	VALUE	CASES	VALUE	CASES	VALUE
1921-1930 AVE.	1/ 204,408	$1,341,341	1/ 304,481	$777,956	1/ 508,889	$2,119,297
1931-1935 AVE.	198,144	1,059,032	323,429	1,183,864	521,573	2,242,896
1936	233,795	1,209,351	520,539	1,766,946	754,334	2,976,297
1937	241,781	1,192,955	531,667	1,820,491	773,448	3,013,446
1938	251,863	1,369,610	517,802	1,820,018	769,665	3,189,628
1939	235,973	1,254,184	699,174	2,544,135	935,147	3,798,319
1940	238,113	1,261,749	689,515	2,516,614	927,628	3,778,363
1941	169,955	891,209	757,388	2,819,820	927,343	3,711,029
1942	143,118	1,142,486	639,484	2,648,572	782,602	3,791,058
1943	116,430	1,091,489	348,364	1,710,931	464,794	2,802,420
1944	184,655	2,026,812	363,041	1,793,800	547,696	3,820,612
1945	366,603	4,430,988	533,429	2,960,110	900,032	7,391,098
1946	356,019	4,311,259	1,171,770	6,833,788	1,527,789	11,145,047
1947	106,226	1,346,289	1,151,424	7,295,946	1,257,650	8,642,235
1948	173,194	2,029,484	1,006,580	6,300,155	1,179,774	8,329,639
1949	297,977	3,203,325	888,083	5,575,693	1,186,060	8,779,018
1950	446,725	4,381,938	1,072,225	6,457,951	1,518,950	10,839,889
1951	390,747	4,674,252	1,110,861	7,099,657	1,501,608	11,773,909
1952	381,181	3,787,773	1,317,810	8,421,785	1,698,991	12,209,558
1953	314,002	3,892,749	1,331,333	8,737,054	1,645,335	12,629,803
1954	408,336	4,534,708	1,229,327	7,766,325	1,637,663	12,301,033
1955	458,182	4,332,274	1,259,144	7,725,052	1,717,326	12,057,326
1956	518,830	5,231,996	1,346,020	8,387,068	1,864,850	13,619,064

YEAR	CRABS		OYSTERS		SHRIMP		OTHER FISH AND SHELLFISH	TOTAL
	CASES	VALUE	CASES	VALUE	CASES	VALUE	VALUE	VALUE
1921-1930 AVE.	1/ 2,870	$53,908	520,205	$2,524,660	910,491	$4,475,680	1/ $1,737,777	$77,965,913
1931-1935 AVE.	13,548	109,235	417,985	1,392,685	1,143,677	3,836,331	1,151,686	64,303,662
1936	14,600	130,753	566,470	2,180,869	1,024,392	4,672,198	1,411,265	94,564,254
1937	27,394	269,699	759,589	2,932,681	1,434,894	7,130,747	1,658,490	105,174,935
1938	27,398	260,134	516,901	1,886,476	1,207,553	4,872,393	1,503,812	83,445,889
1939	32,828	259,756	648,569	2,378,945	1,376,758	5,397,662	1,573,207	96,627,550
1940	38,740	308,890	690,585	2,526,859	1,116,249	4,318,325	1,833,734	94,181,941
1941	60,198	547,617	657,045	2,997,114	884,874	4,882,544	1,951,229	438,684,157
1942	114,548	1,755,065	523,262	3,598,703	963,352	7,347,330	2,730,968	144,996,947
1943	75,308	1,194,483	345,868	2,821,556	660,436	5,360,647	2,245,941	141,188,792
1944	86,942	1,361,458	273,556	2,283,429	561,649	4,854,799	4,677,376	152,914,237
1945	55,514	883,767	225,964	2,029,953	214,971	1,918,633	7,411,089	152,800,571
1946	199,078	4,720,119	390,835	5,249,272	522,130	8,428,735	17,957,441	227,629,455
1947	139,818	2,705,391	410,487	4,259,485	472,366	8,192,004	8,020,161	310,678,920
1948	220,802	4,846,494	357,080	4,777,531	558,870	7,791,313	6,343,032	336,181,479
1949	161,829	3,490,885	452,918	6,525,207	664,721	11,203,325	3,991,710	295,503,905
1950	137,203	3,121,269	492,390	7,096,235	786,251	12,773,346	3,762,400	331,335,347
1951	149,945	3,586,558	466,334	5,931,276	871,171	12,187,049	5,106,783	301,210,295
1952	86,058	2,087,019	529,143	7,047,441	817,910	12,998,814	3,943,297	305,829,198
1953	114,886	2,898,016	488,908	6,559,309	1,016,116	18,946,622	7,366,092	306,873,674
1954	154,522	3,699,293	446,084	5,829,378	934,721	13,691,253	7,255,583	331,017,866
1955	99,180	2,190,664	559,602	7,003,967	901,038	13,562,310	7,388,920	303,563,991
1956	121,539	2,738,587	463,856	6,222,329	870,971	15,800,229	8,286,821	347,566,463

1/ REPRESENTS 5-YEAR AVERAGE, 1926-1930. 2/ REPRESENTS 4-YEAR AVERAGE, 1927-1930. 3/ REPRESENTS 3-YEAR AVERAGE, 1928-1930. 4/ REPRESENTS 1933 PRODUCTION.

NOTE:--THE CASES LISTED ABOVE FOR ALL YEARS ARE THE SAME AS USED IN THE INDIVIDUAL PACK TABLES IN THIS BULLETIN.

PRODUCTION OF FISHERY BYPRODUCTS 1921 - 1956

YEAR	MENHADEN DRIED SCRAP AND MEAL		MENHADEN ACIDULATED SCRAP		HERRING MEAL	
	TONS	VALUE	TONS	VALUE	TONS	VALUE
1921-1930 AVE.	34,109	$1,587,175	28,374	$678,844	(1)	(1)
1931-1935 AVE.	31,488	935,645	15,407	257,799	12,634	$363,085
1936	42,411	1,411,710	23,482	359,615	16,780	593,357
1937	35,801	1,581,219	31,600	618,104	20,460	680,382
1938	39,274	1,576,620	21,814	418,936	17,747	592,588
1939	52,950	2,224,920	15,853	265,850	18,222	763,419
1940	56,249	2,423,229	15,520	271,533	9,216	380,134
1941	75,316	4,008,355	11,029	242,792	12,520	847,116
1942	50,504	3,362,279	2,594	80,520	5,591	386,059
1943	66,357	4,766,672	1,555	58,821	9,170	690,280
1944	69,170	4,913,224	2,922	111,104	14,212	1,044,861
1945	77,451	5,483,377	1,557	62,200	14,344	1,120,042
1946	94,622	8,605,118	2,022	78,475	19,505	2,248,942
1947	98,602	10,883,852	632	26,863	18,453	2,649,474
1948	8/104,058	11,560,914	(8)	(8)	17,686	2,065,042
1949	8/113,393	17,813,339	(8)	(8)	5,298	973,445
1950	8/103,365	12,864,751	(8)	(8)	17,797	2,138,776
1951	8/115,464	13,879,523	(8)	(8)	9,631	1,370,083
1952	8/144,025	17,847,361	(8)	(8)	9,864	1,314,361
1953	174,752	21,767,205	-	-	5,206	717,472
1954	183,091	23,783,364	-	-	6,973	928,862
1955	190,628	25,457,512	-	-	7,671	1,163,464
1956	210,582	27,439,634	-	-	11,298	1,562,622

YEAR	SARDINE (PACIFIC) MEAL		TUNA AND MACKEREL MEAL		OTHER MEAL, DRIED AND GREEN SCRAP	
	TONS	VALUE	TONS	VALUE	TONS	VALUE
1921-1930 AVE.	2/22,726	2/$1,241,001	2/3,047	2/$151,334	34,163	$1,638,101
1931-1935 AVE.	55,494	1,648,972	7/8,550	7/226,263	23,421	827,215
1936	121,739	3,968,305	11,847	359,409	27,519	1,004,002
1937	89,422	3,325,282	13,066	456,358	29,593	904,190
1938	89,927	3,437,892	11,224	409,211	25,230	982,916
1939	96,947	4,103,638	12,084	464,578	30,046	1,271,192
1940	69,975	3,007,705	14,955	610,007	27,329	1,141,213
1941	97,979	5,942,272	8,693	484,886	31,307	1,570,152
1942	71,828	5,310,037	7,144	465,481	33,419	2,021,383
1943	75,611	5,775,932	7,766	505,199	29,944	1,832,248
1944	86,196	6,582,600	9,648	644,458	30,999	1,946,775
1945	60,860	4,643,694	10,273	705,976	36,190	2,390,049
1946	36,899	5,233,075	13,584	1,743,189	32,989	2,530,624
1947	16,715	2,556,038	19,761	2,998,321	32,276	3,265,803
1948	19,076	2,614,616	21,305	2,757,778	37,419	4,090,384
1949	39,278	6,219,717	19,139	3,073,742	60,072	7,571,899
1950	43,009	5,269,696	25,377	3,268,594	50,406	5,711,918
1951	17,225	2,266,968	23,147	3,021,720	44,289	4,835,603
1952	390	51,741	21,951	2,892,874	45,173	5,055,317
1953	144	18,966	20,029	2,622,631	38,720	4,433,379
1954	6,513	842,649	21,576	2,850,605	38,803	4,347,697
1955	6,966	968,908	23,396	3,120,302	35,839	4,039,102
1956	2,809	369,867	26,266	3,355,069	44,402	5,126,892

YEAR	TOTAL SCRAP AND MEAL		OYSTER AND MARINE CLAM-SHELL PRODUCTS		FRESH-WATER MUSSEL-SHELL PRODUCTS	MARINE PEARL-SHELL PRODUCTS
	TONS	VALUE	TONS	VALUE	VALUE	VALUE
1921-1930 AVE.	122,419	$5,296,455	308,823	$2,455,768	3/$5,575,967	4/$4,544,147
1931-1935 AVE.	146,994	4,258,979	314,802	1,606,093	4,210,128	3,491,872
1936	243,778	7,696,398	383,703	1,578,108	4,710,260	4,265,986
1937	219,942	7,565,535	382,718	1,612,847	4,791,205	5,079,895
1938	205,216	7,418,163	339,425	1,416,557	2,698,879	4,197,503
1939	226,102	9,093,597	386,005	1,539,557	2,492,342	4,827,413
1940	193,244	7,833,821	395,088	1,479,847	2,489,438	5,399,720
1941	236,844	13,095,573	438,407	1,985,253	3,037,350	6,236,714
1942	171,080	11,625,759	466,037	2,582,261	5,064,271	5,528,421
1943	190,403	13,629,152	509,285	2,820,986	3,782,028	4,696,593
1944	213,147	15,243,022	582,215	3,134,696	4,428,903	4,134,738
1945	200,675	14,405,338	507,096	2,573,717	4,844,647	3,286,245
1946	199,621	20,439,423	390,433	2,270,853	6,629,578	5,635,904
1947	186,439	22,380,351	501,393	3,263,158	8,166,000	7,902,000
1948	199,544	23,088,734	345,075	2,474,492	5,447,121	8,587,011
1949	237,180	35,652,142	362,028	2,662,252	3,767,703	6,782,281
1950	239,954	29,253,735	399,375	2,950,053	5,064,495	9,239,018
1951	209,756	25,373,897	453,319	3,568,745	3,845,661	7,714,846
1952	221,403	27,161,654	429,348	3,359,024	4,438,545	6,905,104
1953	238,851	29,559,653	466,732	3,830,276	5,357,849	7,403,894
1954	256,956	32,753,177	482,687	4,172,518	4,871,200	6,955,096
1955	264,500	34,749,288	359,565	3,148,658	4,787,020	6,606,363
1956	295,357	37,854,084	386,200	3,943,621	4,441,702	6,127,940

YEAR	MENHADEN OIL		HERRING OIL		SARDINE (PACIFIC) OIL	
	GALLONS	VALUE	GALLONS	VALUE	GALLONS	VALUE
1921-1930 AVE.	4,863,899	$1,969,152	2,063,436	$797,716	2,770,878	$1,156,437
1931-1935 AVE.	3,200,351	582,152	3,116,230	562,980	12,458,879	2,835,610
1936	4,880,879	1,249,708	3,796,586	954,706	26,131,439	8,336,079
1937	3,895,613	1,456,333	5,623,045	2,114,548	15,993,216	6,203,616
1938	4,189,129	1,173,667	4,579,565	1,298,837	17,539,567	5,205,337
1939	6,005,414	1,624,024	4,847,512	1,157,418	19,996,422	6,078,317
1940	5,774,671	1,304,720	2,241,169	606,722	12,626,849	3,761,160
1941	6,034,050	2,829,441	3,041,315	1,563,545	18,125,147	9,879,290
1942	5,128,760	3,200,129	985,403	646,565	12,508,958	8,067,750
1943	5,734,668	3,892,142	1,727,441	1,129,446	13,947,295	9,301,593
1944	6,067,111	3,725,498	2,389,287	1,603,078	18,098,982	11,722,950
1945	8,335,094	5,656,550	2,663,546	1,786,040	11,852,994	7,926,147
1946	9,758,648	9,033,032	3,532,454	4,292,776	4,866,567	6,843,376
1947	8,473,371	11,425,497	3,875,025	4,144,643	2,103,965	2,677,453
1948	8,763,939	10,132,179	3,643,537	4,004,250	2,328,572	2,457,858
1949	8,293,911	3,407,510	723,350	394,297	6,123,140	2,872,532
1950	10,209,958	5,866,554	3,309,457	2,366,005	6,188,607	4,693,550
1951	12,537,115	9,771,154	1,512,814	1,205,384	1,942,586	1,545,937
1952	12,888,646	5,785,395	1,081,963	517,538	20,881	10,815
1953	17,824,477	8,806,317	718,632	360,533	13,128	6,402
1954	18,641,433	9,755,320	760,927	434,347	755,843	420,531
1955	21,232,141	12,195,454	1,091,016	668,681	897,711	521,566
1956	22,428,082	14,092,275	1,824,156	1,141,911	337,351	180,544

YEAR	TUNA AND MACKEREL OIL		WHALE AND SPERM OIL		LIVER OIL	
	GALLONS	VALUE	GALLONS	VALUE	GALLONS	VALUE
1921-1930 AVE.	2/45,354	2/$13,933	1,403,568	$678,544	(5)	(5)
1931-1935 AVE.	3/182,452	3/38,512	775,424	178,453	3/109,419	3/$912,476
1936	357,914	98,221	4,154,966	1,707,561	351,400	2,896,655
1937	222,774	61,514	9,226,289	4,170,001	347,921	2,204,097
1938	278,879	81,532	7,741,000	3,184,058	506,203	2,476,343
1939	310,661	92,906	3,550,230	1,132,871	677,975	4,471,688
1940	447,326	123,801	2,561,518	952,164	790,621	5,088,153
1941	250,517	100,048	34,058	15,907	1,233,242	14,871,588
1942	214,932	112,042	47,247	31,733	1,000,912	10,034,907
1943	219,044	131,906	37,964	30,406	851,854	14,841,970
1944	317,236	177,774	7,185	5,135	998,802	13,237,435
1945	304,143	173,452	-	-	804,288	11,202,207
1946	359,437	395,475	-	-	895,884	13,478,590
1947	748,017	958,998	66,374	70,007	832,510	11,643,468
1948	660,515	622,110	120,089	130,217	740,137	12,507,652
1949	597,935	265,736	74,950	52,475	834,357	9,845,455
1950	884,434	553,231	-	-	331,257	3,431,090
1951	712,620	525,552	68,500	50,200	299,575	2,579,347
1952	744,827	367,585	-	-	276,609	2,075,014
1953	659,176	314,586	-	-	204,331	1,436,627
1954	584,869	243,446	-	-	236,717	1,391,921
1955	544,937	264,225	-	-	218,897	588,739
1956	705,316	359,144	-	-	621,605	1,197,875

YEAR	OTHER MARINE-ANIMAL OIL		TOTAL OIL		OTHER BYPRODUCTS	GRAND TOTAL
	GALLONS	VALUE	GALLONS	VALUE	VALUE	VALUE
1921-1930 AVE.	5/459,292	5/$222,121	11,606,427	$4,837,903	$1,001,606	6/$17,948,654
1931-1935 AVE.	295,480	114,243	20,138,235	5,224,426	1,165,471	19,721,516
1936	228,634	85,536	39,901,818	15,328,466	1,389,766	34,968,984
1937	325,811	145,643	35,634,669	16,355,752	1,398,811	36,804,045
1938	305,792	106,241	35,140,135	13,526,015	1,319,250	30,576,367
1939	363,899	139,845	35,752,113	14,697,069	1,388,836	34,038,814
1940	373,384	188,458	24,815,538	12,025,178	1,326,254	30,554,258
1941	565,298	334,395	29,283,627	29,594,214	2,851,970	56,801,074
1942	692,892	486,476	20,579,104	22,579,602	3,516,548	50,896,862
1943	597,950	485,391	23,116,216	29,812,854	4,394,653	59,136,266
1944	444,372	536,911	28,322,975	31,008,781	5,348,413	63,298,553
1945	541,787	491,326	24,501,852	27,235,722	5,864,937	58,210,606
1946	618,020	658,883	20,031,010	34,702,132	6,964,960	76,642,850
1947	633,630	830,596	16,732,892	31,750,662	7,130,156	80,592,327
1948	826,822	1,128,541	17,083,611	30,982,807	9,285,458	79,865,623
1949	1,048,190	526,972	17,695,833	17,364,977	12,243,140	78,472,495
1950	840,136	562,279	21,763,849	17,472,709	13,208,356	77,188,366
1951	1,099,099	946,069	18,172,309	16,623,643	12,186,235	69,313,027
1952	1,081,483	635,021	16,094,409	9,391,368	16,735,936	67,991,631
1953	874,374	557,441	20,294,118	11,481,906	16,738,418	74,371,996
1954	884,944	559,879	21,864,733	12,805,444	19,843,928	81,401,363
1955	913,158	629,949	24,897,860	14,868,614	19,175,279	83,335,222
1956	1,223,582	810,619	27,140,092	17,782,368	21,585,015	91,734,730

1/ INCLUDED WITH "OTHER MEAL, DRIED AND GREEN SCRAP." 2/ REPRESENTS 5-YEAR AVERAGE 1926-1930. 3/ REPRESENTS AVERAGE FOR 1929 AND 1930. 4/ REPRESENTS VALUE OF PRODUCTION FOR 1930 ONLY. 5/ THE PRODUCTION OF LIVER OIL HAS BEEN INCLUDED WITH "OTHER MARINE ANIMAL OIL." 6/ VALUE OF MUSSEL-SHELL AND PEARL-SHELL PRODUCTS ARE NOT INCLUDED, 1921-1925. 7/ REPRESENTS AVERAGE FOR 1932-1935. 8/ A SMALL PRODUCTION OF ACIDULATED SCRAP IS INCLUDED WITH MENHADEN DRIED SCRAP AND MEAL.

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